

Remarks

Claims 1-15 are pending in this application. Claims 1-15 are presently amended.

1.) Rejections under 35 USC §112 for Indefiniteness:

The Examiner has rejected Claims 1-15 for indefiniteness. In response, Applicant has amended these claims to correct the cited deficiencies. Additionally, other amendments were made to correct various errors in syntax, grammar and claim form.

2.) Rejections under 35 USC § 103 for Obviousness:

The Examiner has rejected Claims 1-11, and 13-15 as being obvious of EP 0893284 (Barbanti) in view of US 5,612,671 (Mendez). The Examiner rejected Claim 12 as being obvious over Barbanti in view of Mendez and US 6,604,416 (Tsujita).

In his rejection, the Examiner states that Barbanti teaches the system as claimed with the exception of a movable group. The Examiner further alleges that Mendez discloses a movable group consisting of "a sensor (fig. 1), an amplifier (antenna 16)(fig. 1, ref. 16), a transducer (col. 1, lines 13-20) and an actuator (activator)(col. 2, line 50)". (Emphasis Added).

In the rejection, the Examiner equates an amplifier as claimed with an antenna as taught by Mendez. However, it is well known that these two items are completely different and distinct. An antenna is defined as "an apparatus for sending or receiving electromagnetic waves", *American Heritage Dictionary, 3rd Edition* (1994). This definition is confirmed by Mendez who states "[t]ransmitted signals are received by an antenna 16 coupled to a receiver 18", *Col. 2, Lines 41-42*.

In contrast, an amplifier is defined as "an device that produces amplification of an electrical signal." *American Heritage Dictionary, 3rd Edition* (1994). Consequently, it is very clear to one of ordinary skill in the art that an antenna is not an amplifier. Therefore, the rejection for obviousness fails because Mendez fails to disclose all of elements of the movable group as claimed.

3.) Conclusion:

In view of the preceding amendments and remarks, the rejections and objections of Claims 1-15 have been overcome. Therefore, Applicant respectfully requests the withdrawal of all outstanding rejections and an issuance of a Notice of Allowance for all pending claims. Please apply any additional fees or credits to Deposit Account #: 50-0954, Reference #: S2205-72130.

Respectfully Submitted,

<u>/davidmixon/</u>	<u>05/29/2006</u>
David E. Mixon	Date
Reg. No. 43,809	

Bradley Arant Rose & White LLP
200 Clinton Ave. West, Suite 900
Huntsville, AL 35801-4900

Telephone: (256) 517-5100
Facsimile: (256) 517-5200